

Claims

1. An aggregation system, comprising

ID production means that produces an ID number for each user;

page sending means that sends page information, such as operation information
5 containing said ID number that is sent from a terminal, to a terminal;

operation information forwarding means that receives the operation information
containing said ID number that is sent from a terminal, specifies user information means to be
connected based on the ID number, and forwards said operation information to the specified user
administration means;

10 a plurality of user administration means for memorizing to memory means the operation
information forwarded from the operation information forwarding means together with a
reception time information corresponding to the user; and

a plurality of said memory means that corresponds to said user administration means,
which respectively share and memorize the user information.

15 2. The aggregation system as described in Claim 1, wherein when the number of said user
administration servers is set as N, the numerical value corresponding to the registration position
of the user information in said memory means is set as I, and the number of said user
administration means that registers the users is set as M, numerical value is expressed by $ID = I$
20 $\times N + M$.

3. The aggregation system as described in Claim 2, wherein said operation information
forwarding means specifies the user administration means to be connected based on the
remainder obtained by dividing said ID numbers by the number N of the user administration
25 means, and said user administration means specifies the registration position of the user
information in said memory means based on the quotient obtained by dividing said ID numbers
by the number N of said user administration means.

4. The aggregation system as described in Claim 1, wherein said system comprises a plurality of
30 said operation information forwarding means, and load dispersion means that distributes said

operation information sent from terminals to said plurality of operation information forwarding means.

5 5. The aggregation system as described in Claim 1, further comprising order imparting means that imparts an order to said user information based on at least one of said operation information of the users that is remembered in the plurality of said memory means, and said reception time information.

10 6. The aggregation system as described in Claim 5, wherein a plurality of said order imparting means is provided corresponding to said plurality of said memory means, and comprises: sequence production means that produces a plurality of passing sequences for distributing the information that is remembered in said memory means to said plurality of said order imparting means; synthesis means that collects and synthesizes said plurality of said passing sequences to be synthesized, and delivers said synthesis results; conversion means that converts head-count
15 data of synthesized sequences into order data; and information order imparting means that imparts an order to the user information that is remembered in said corresponding memory means based on said order data.

20 7. The aggregation system as described in Claim 6, wherein said passing sequences are an agglomeration of sequence units having a prescribed number of one-dimensional data sequences; data in which number of the information that has numerical value to be ordered and stored in the sequence position that corresponds to said number is stored in the sequence unit of the lowest level; a pointer that shows the lowest sequence position is stored in the sequence position that corresponds to the numerical value for which the order in the sequence unit of the
25 multiple upper levels is to be set; and only a sequence unit for which data that is valid inside or at the lower level exists is produced for the sequence unit.

8. The aggregation system as described in Claim 6, wherein said numerical values for which said order is set are scores calculated from the personal information of the users, the environments of

the users, the operation information of the users, and elapsed time from the start of reception, and an order is imparted in order starting from the smallest score thereof.

9. An aggregation method comprising:

- 5 a step where an ID number is produced for each user;
- a step where page information such that the operation information including the above-mentioned ID number is included, is sent from a terminal, is sent to a terminal;
- a step where operation information containing the ID number that is sent from the terminal is received, user information means to be connected is specified based on the ID
- 10 number, and said operation information is forwarding to specified user administration means; and
- a step where the operation information that is transferred in the user administration means is memorized along with reception time information corresponding to the information of the user.

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